

Title (en)  
REFERENCE SIGNAL FOR A COORDINATED MULTI-POINT NETWORK IMPLEMENTATION

Title (de)  
REFERENZSIGNAL ZUR IMPLEMENTIERUNG EINES KOORDINIERTEN MEHRPUNKTNETZWERKS

Title (fr)  
SIGNAL DE RÉFÉRENCE POUR LA MISE EN UVRE COORDONNÉE D'UN RÉSEAU MULTIPPOINT

Publication  
**EP 2534778 A4 20141105 (EN)**

Application  
**EP 11742952 A 20110214**

Priority  
• US 30436410 P 20100212  
• US 2011024739 W 20110214

Abstract (en)  
[origin: WO2011100676A1] A system and method for broadcasting a channel state information reference signal (CSI-RS) is disclosed. A CSI-RS that is orthogonal to CSI-RSs transmitted by each of a first network cell and each of a set of neighbor cells that interfere with the first network cell is identified. In one implementation, the first network cell has a coverage containing a coverage of a second network cell. The method includes transmitting, from the second network cell, the CSI-RS that is orthogonal to CSI-RSs transmitted by each of the first network cell and each of a set of interfering neighbor cells.

IPC 8 full level  
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**H04J 11/0053** (2013.01 - EP US); **H04B 7/024** (2013.01 - EP US); **H04W 4/06** (2013.01 - EP US); **H04W 28/04** (2013.01 - US); **H04W 48/08** (2013.01 - EP US)

Citation (search report)  
• [XI] HUAWEI: "The Standardization Impacts of Downlink CoMP", 3GPP DRAFT; R1-100258\_THE STANDARDIZATION IMPACTS OF DOWNLINK COMP\_V3, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Valencia, Spain; 20100118, 12 January 2010 (2010-01-12), XP050417940  
• [XI] MOTOROLA: "CSI-RS Design with Forward Compatibility with CoMP", 3GPP DRAFT; R1-100209, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Valencia, Spain; 20100118, 16 January 2010 (2010-01-16), XP050418375  
• See references of WO 2011100676A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2011100676 A1 20110818**; CA 2789441 A1 20110818; CA 2789441 C 20161213; CN 103119873 A 20130522; CN 103119873 B 20170412; EP 2534778 A1 20121219; EP 2534778 A4 20141105; EP 2534778 B1 20210602; US 2013044685 A1 20130221; US 8923203 B2 20141230

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**US 2011024739 W 20110214**; CA 2789441 A 20110214; CN 201180009169 A 20110214; EP 11742952 A 20110214; US 201113578573 A 20110214